

Docket No.: S0193.0007  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Louay Jalloul et al.

Application No.: 10/750,924

Confirmation No.: 1915

Filed: December 31, 2003

Art Unit: 2618

For: SIGNAL-TO-INTERFERENCE RATIO  
ESTIMATION FOR CDMA

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Examiner: Dominic E Rego

**REQUEST FOR SUPPLEMENTAL NOTICE OF ALLOWANCE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants had filed an Information Disclosure Statement (IDS) on December 31, 2003. However, the references were not made of record. We are resubmitting the Information Disclosure Statement of December 31, 2003 and the PTO/SB/08. Accordingly, Applicants respectfully request that the Examiner consider the references and return an initialed copy of the PTO/SB/08 form with a Supplemental Notice of

Allowance or Communication indicating the references have been  
considered in this application.

Dated: March 19, 2007

Respectfully submitted,

By Laura C. Brutman  
Laura C. Brutman

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Attorney for Applicant

Express Mail Label No.

Dated: \_\_\_\_\_

Docket No.: 04303/0200059-US0  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Louay Jalloul, et al.

Application No.: Not Yet Assigned

Confirmation No.:

Filed: Concurrently Herewith

Art Unit: N/A

For: SIGNAL-TO-INTERFERENCE RATIO  
ESTIMATION FOR CDMA

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, attached hereto is a copy of Form PTO/SB/08 and copies of the documents listed thereon.

In accordance with MPEP Sections 609 and 707.05(b), it is requested that each document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO/SB/08) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing Form PTO/SB/08 next to the document. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application. This Information Disclosure Statement accompanies the new patent application submitted herewith.

A copy of each document on the PTO/SB/08 is attached.

A concise explanation of relevance of the items listed on form PTO/SB/08 is given.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Commissioner is authorized to charge any deficiency of up to \$300.00 or credit any excess in this fee to Deposit Account No. 04-0100.

Dated:

Respectfully submitted,

By Laura C. Brutman  
Laura C. Brutman

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

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| Substitute for form 1449A/PTO |   |    |   | <b>Complete if Known</b> |                  |
|                               |   |    |   | Application Number       | TBA              |
|                               |   |    |   | Filing Date              | Herewith         |
|                               |   |    |   | First Named Inventor     | Louay Jalloul    |
|                               |   |    |   | Art Unit                 | TBA              |
|                               |   |    |   | Examiner Name            | TBA              |
| Sheet                         | 1 | of | 1 | Attorney Docket Number   | 04303/0200059US0 |

| <b>U. S. PATENT DOCUMENTS</b> |                       |  |                                |  |  |
|-------------------------------|-----------------------|--|--------------------------------|--|--|
| Examiner Initials*            | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant<br>of Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                               |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |  |
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| <b>FOREIGN PATENT DOCUMENTS</b> |                       |   |                                |  |  |
|---------------------------------|-----------------------|---|--------------------------------|--|--|
| Examiner Initials*              | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                                 |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |  |  |
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

| <b>OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS</b> |                       |  |  |  |                |
|--|-----------------------|--|--|--|----------------|
| Examiner Initials  | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |  | T <sup>2</sup> |
|  | CA                    | Ramakrishna et al., Subspace-Based SIR Estimation for CDMA Cellular Systems, IEEE Transactions on Vehicular Technology, Sept. 2000; 49(5):1732-1742  |  |  |                |
|  | CB                    | Pauluzzi et al., A Comparison of SNR Estimation Techniques for the AWGN Channel., IEEE Transactions on Communications, Oct. 2000; 48(10):1681-1691   |  |  |                |
|  | CC                    | Seo et al., SIR-Based Transmit Power Control of Reverse Link for Coherent DS-CDMA Mobile Radio, IEICE Trans. Commun., July 1998; Vol. E81-B, No. 7, pp. 1508-1516  |  |  |                |
|  | CD                    | 3 GPP TS 25.215 V5.4.0 (2003-06) 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Physical layer - Measurements (FDD) (Release 5)   |  |  |                |
|  | CE                    | 3 GPP TS 25.213 V5.3.0 (2003-03) 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Spreading and modulation (FDD) (Release 5)  |  |  |                |
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
|--------------------|--|-----------------|--|